# SPITAL ON THE CREEKS OF THE CAPITAL ON THE CREEKS OF THE CAPITAL ON THE CAPITAL O

## CITY OF BATTLE CREEK

#### COMMUNITY SERVICES DEPARTMENT - PLANNING AND ZONING

#### **AGENDA**

### **Historic District Commission Meeting**

Date:

Monday, August 9 2021

Time:

4:00 P.M.

Via:

**ZOOM Virtual Meeting** 

- 1. Call to Order:
- 2. Attendance:
- 3. Additions or Deletions to Agenda:
- 4. Approval of minutes: July 12, 2021
- 5. Correspondence:
- 6. Old Business:
- 7. New Business:
  - A. H-12-21, Climax Solar, 1604 W. Milham Ave., Portage, MI for a Certificate of Appropriateness for a roof mounted solar array at 28 Hanover Street Parcel# 0660-00-024-0.
  - B. H-13-21, X-tream Roofing, LLC, 371 Upton Avenue, Battle Creek, MI for a Certificate of Appropriateness for a new roof at 181 W. Emmett Street Grace Health. Parcel #0601-25-385-0.
  - C. H-14-21 Calhoun County Land Bank Authority, 315 W. Green Street for a Notice to Proceed for demolition and removal of a collapsed roof and front porch of a duplex at 68/70 Frelinghuysen Avenue. Parcel # 5370-00-205-0.
- 8. Comments by the Public:
- 9. Comments from Commission members and Staff:
- 10. Adjournment:

The City of Battle Creek will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio tapes of printed materials being considered in the meeting upon notice to the City of Battle Creek. Individuals with disabilities requiring auxiliary aides or services should contact the City of Battle Creek by writing or calling the following: Office of the City Clerk, P.O. Box 1717, 10 North Division – Suite 111, Battle Creek, MI 49016, (269)966-3348 (Voice), (269)966-3348 (TDD) Division Site

#### CITY OF BATTLE CREEK

#### HISTORIC DISTRICT COMMISSION

#### **Special Meeting**

Zoom Virtual Meeting 10 North Division, Battle Creek, MI 49014 Minutes for Monday, July 19, 2021

Meeting called to order by Chairperson Newman at 4:02 p.m. This meeting was held virtually via Zoom Virtual Meeting.

Chair Newman asked that attendance be noted. A roll call was taken:

Comm. Newman, present, Battle Creek, MI

Comm. Simpson, present, Battle Creek, MI

Comm. Reid, present, Battle Creek, MI

Comm. Drozdowski, present, Battle Creek, MI

Comm. Blonde, present, Battle Creek, MI

Absent: Comm. Chubinski, Comm. Sallee, Vice Mayor Faris

Staff Present: Eric Feldt, Planning Coordinator, Marcie Gillette, Community Services Director, Michele D. Sutherland, Customer Service Rep II; and Marcel Stoetzel, Deputy City Attorney.

Announcement: None.

Public Comments: None.

Approval of the Minutes for the June 12, 2021 meeting: Motion made by Comm. Drozdowski seconded by Comm. Blonde. ALL IN FAVOR, MOTION APPROVED.

#### A roll call was taken:

Comm. Newman, yes

Comm. Reid, yes

Comm. Drozdowski, yes

Comm. Blonde, yes

Comm. Simpson, did not vote

**OLD BUSINESS:** None.

#### **NEW BUSINESS:**

A: H-10-21: AEDEN CO. LLC, Donald McClellan, 128 Park Place, Battle Creek. Request for a Certificate of Appropriateness for the rehabilitation of 238 Capital Ave. N.E., Battle Creek, MI.

**Staff Presentation:** Presentation given by Eric Feldt. Staff recommends approval of H-10-21 as outlined in the staff report.

**Applicant Presentation:** Donald McLellan, 128 Park Place, states the original lead glass windows will be installed into aluminum frames and rehung.

Public Comments: None.

**HDC Discussion:** 

Comm. Drozdowski states it is a beautiful home and she is glad it is being restored to its former glory.

A MOTION WAS MADE BY COMMISSIONER BLONDE AND SUPPORTED BY COMMISSIONER DROZDOWSKI TO APPROVE H-10-21. A VOTE WAS TAKEN 4-0, MOTION APPROVED.

A roll call was taken:

Comm. Newman, yes

Comm. Reid, yes

Comm. Drozdowski, yes

Comm. Blonde, yes

Comm. Simpson did not vote.

B: H-11-21, Driven Design, 117 West Michigan Avenue for a Certificate of Appropriateness for an outdoor restaurant patio at 215 W. Michigan Ave., Umami Ramen.

Cody Newman recused himself, as he is the architect on the project.

**Staff Presentation:** Presentation given by Eric Feldt, Staff recommends approval of H-11-21 as outlined in the staff report.

**Applicant Presentation:** Cody Newman, Driven Design states they were given prior approval for the patio however revised the plans to include fencing and only one patio cover.

A MOTION WAS MADE BY COMM. BLONDE TO APPROVE H-11-21, A CERTIFICATE OF APPROPRIATENESS FOR A NEW PATIO COVER. SECONDED BY COMM. DROZDOWSKI. A VOTE WAS TAKEN 4-0, MOTION APPROVED.

Without further discussion a roll call vote was taken:

Comm. Simpson, yes

Comm. Reid, yes

Comm. Drozdowski, yes

Comm. Blonde, yes

Comm. Newman recused himself.

PUBLIC COMMENTS: None.

**COMMENTS FROM COMMISSION STAFF: None.** 

## **COMMENTS FROM COMMISSION MEMBERS:** None.

## ADJOURNMENT:

Chairperson Newman adjourned the meeting at 4:37 p.m.

Submitted by: Michele D. Sutherland, CSR II, Planning and Zoning



## **Battle Creek Historic District Commission**

## Staff Report

### 28 Hanover Street

Meeting: August 9, 2021 Case No. H-12-21

To:

Historic District Commission

From:

Eric Feldt, Planning/Zoning Coordinator, AICP, CFM

Date:

July 27, 2021

Subject:

The petition, filed by Climax Solar, is for the issuance of a Certificate of

Appropriateness for new roof top solar array structures at 28 Hanover Street pursuant to

Zoning and Historic District Commission requirements.

#### **Summary**

The homeowner wishes to install new roof top solar array structures (panels) on the subject garage and house to provide renewable energy for use. The applicant filed the subject HDC Certificate of Appropriateness because the subject property (28 Hanover Street) is located in the Old Advent Town historic district. Staff recommends approval of the project because the project meets the standards outlined in Chapter 1470.09 "Review of Applications", Chapter 1470.17 "Preservation of Historic Features" and the Secretary of the Interior's Standards and Guidelines.



Figure 1. Map of the neighborhood showing the subject site (28 Hanover Street). Aerial photograph provided by City of Battle Creek, dated April 2020 (approx.).

#### Site & History

The subject site is located at 28 Hanover Street, south of Walter Avenue and a few blocks west of Irving Park. It is also in the Old Advent Town local historic district. According to the City's Assessor's records, the subject site consists of 0.24 acres (10,715 square feet) in size and is developed with a two-story single-family house built in 1999 and a detached garage built in 2001. The house appears to consist of vinyl siding with a unique pattern near the peak of the roof; an open front porch with hand railings, non-descript support columns, and a front-facing door; and, a symmetrical roof line along the north and south elevations that repeats the façade roof shape and pattern. Present-day pictures of the site are provided in Figures 2 & 3. Despite the relatively young age of the house compared to the historic homes within the neighborhood, it does present some historic qualities and appears compatible with adjacent homes. Staff notes that the roof of the house and garage both consist of a modern asphalt, dimensional shingle design and material.





Figures 2 & 3 [L-R]: Red arrows point to two of three locations of proposed solar array; third location not visible from street. Pictures taken 7.22.21 and provided by City staff.

#### **Project Description**

Since the site is located in a local historic district and some of the proposed roof top solar array structures will be visible from Hanover Street, the applicant filed the subject HDC Certificate of Appropriateness (No. H-12-21). Three roof top solar array structures are proposed: one on the garage, and two on the house. See attached plans for location and structure design. These structures consists of flat panels that mount several inches above the roof; each panel surface containing photovoltaic cells that capture and convert sunlight to energy (generally). The panels are designed to be parallel with the roof pitch thereto attached. All three solar arrays are on the south side of the roofs, intentionally angled to receive full sun light for solar array capture. The specific solar array locations can be seen attachment Sheet A-103.00.

The solar panels proposed on the garage (Figure 2) will not be easily visible from Hanover Street due to the garage's distant location from the street and the general difficulty of seeing the south side roof surface. The southeastern-proposed solar array on the house roof will also not be visible from the street due to the various roof pitches obscuring its view. However, the southwestern-proposed solar array

(Figure 3) on the house will be visible from the street but not very conspicuous due to the upward side angle of the roof and second-story elevation. Present-day pictures of the house and garage are provided in Figures 2 & 3.

#### **Analysis**

Due to the location and design of the proposed solar panels, staff finds that the panels will not result in a prominent appearance of the overall garage or house. As mentioned earlier, the roof of both buildings consist of a modern dimensional shingle design and material, and thus, do not consist of historic significance. Further, the panels will be installed and designed a few inches above the roof surface and parallel with the roof slope thereto attached and, therefore, have an accessory functionality.

# <u>Applicable HDC Guidelines and Analysis for a Certificate of Appropriateness to install new roof</u> top solar array structures at 28 Hanover Street.

This property is reviewed in accordance with City of Battle Creek Building and Housing Code Chapter 1470 "Historic Preservation", as amended, the Michigan's Local Historic Districts Act, as amended, and the criteria for the National Register of Historic Places as outlined in the Secretary of the Interior's Standards and Guidelines.

Specifically, the Commission shall follow Section 1470.09 Review of Applications, as follows:

- (b) The Commission shall also consider all of the following:
  - (1) The historic or architectural value and significance of the resource and its relationship to the historic value of the surrounding area.
  - (2) The relationship of any architectural features of the resource to the rest of the resource and the surrounding area.
  - (3) The general compatibility of the design, arrangement, texture, and materials proposed to be used.
  - (4) Other factors, such as aesthetic value that the Commission finds relevant.
- (c) The Historic District Commission shall review and act upon only exterior features of a resource and shall not review and act upon interior arrangements...

#### And

#### 1470.17 PRESERVATION OF HISTORIC FEATURES.

(a) Every reasonable effort shall be made to provide a compatible use for a resource which requires minimal alteration of the building, structure or site and its environment, or to use the resource for its originally intended purpose.

Staff finds that the solar array structures will not change the use nor intended purposes of the existing garage or house. Further, staff finds that the proposed structures results in minimal alteration to the house and garage.

(b) The distinguishing original qualities or character of a resource and its environment shall not be destroyed. The removal or alteration of any historic material or distinctive architectural features shall be avoided when possible.

The distinguishing original qualities or character of the existing house and garage will not be destroyed by the solar array structures because these structures will not result in modifying either building, will be designed close to the surface of the roof, and will be located in a way that is not highly visible from the street or sidewalk. The project will not remove nor alter the house or garage.

(c) All resources shall be recognized as products of their own time. Alterations that have no historic basis and which seek to create an earlier appearance shall be discouraged.

The project will not create alterations resulting in an earlier appearance.

(d) Changes which may have taken place in the course of time are evidence of the history and development of a resource and its environment. These changes may have acquired significance in their own right, and this significance shall be recognized and respected.

This criteria is not relevant to the project because no changes to the exterior have taken place which may have acquired significance in their own right.

(e) Distinctive stylistic features or examples of skilled craftsmanship which characterize a resource shall be treated with sensitivity.

As stated earlier, the roof of the house and garage consists of a contemporary design and material. Staff does not find the roofs to have distinctive stylistic features or specific skilled craftsmanship. Therefore, this criteria is not relevant to the project.

(f) Deteriorated architectural features shall be repaired rather than replaced wherever possible. In the event replacement is necessary, the new material should match the material being replaced in composition, design, color, texture and other visual qualities. Repair or replacement of missing architectural features should be based on accurate duplications of features, substantiated by historic, physical or pictorial evidence rather than on conjectural designs or the availability of different architectural elements from other resources.

This criteria is not relevant because the proposal does not entail any repairs or replacements.

(g) The surface cleaning of resources shall be undertaken with the gentlest means possible. Sandblasting and other cleaning methods that will damage the historic materials shall not be undertaken.

Intensive cleaning application such as sand blasting will not be necessary for the project.

(h) Every reasonable effort shall be made to protect and preserve archaeological resources affected by or adjacent to any project.

This criteria primarily applies to projects involving any type of ground work. No ground work is proposed under the subject project.

(i) Contemporary design for alterations and additions to existing resources shall not be discouraged when such alterations and additions do not destroy significant historic, architectural or cultural material and when such design is compatible with the size, scale, color, material and character of the property, neighborhood or environment.

This criteria is not relevant to the project since it does not entail any alterations or additions to the site.

(j) Whenever possible, new additions or alterations to resources shall be done in such a manner that if such additions or alterations were to be removed in the future, the essential form and integrity of the resource would not be unimpaired.

The new roof top solar array structures can be removed in the future without negatively affecting the essential form or integrity of the house or garage.

#### Recommendation

The new roof top solar array structures provide renewable energy for use by the homeowner. Based on staff's analysis of the application and site conditions, the proposal does comply with all standards outlined in Chapter 1470 *Historic Preservation* and should be approved. As contained herein, staff finds that the Commission does not find any conflict with Chapter 1470 *Historic Preservation*, the Michigan Local Historic Districts Act, or the Secretary of the Interior's Standards and Guidelines.

Therefore, planning staff recommends approval of a Certificate of Appropriateness for new roof top solar array structures at 28 Hanover Street, as the request meets the standards outlined in Chapter 1470.09 "Review of Applications", Chapter 1470.17 "Preservation of Historic Features" and the Secretary of the Interior's Standards and Guidelines, as outlined in the staff report.



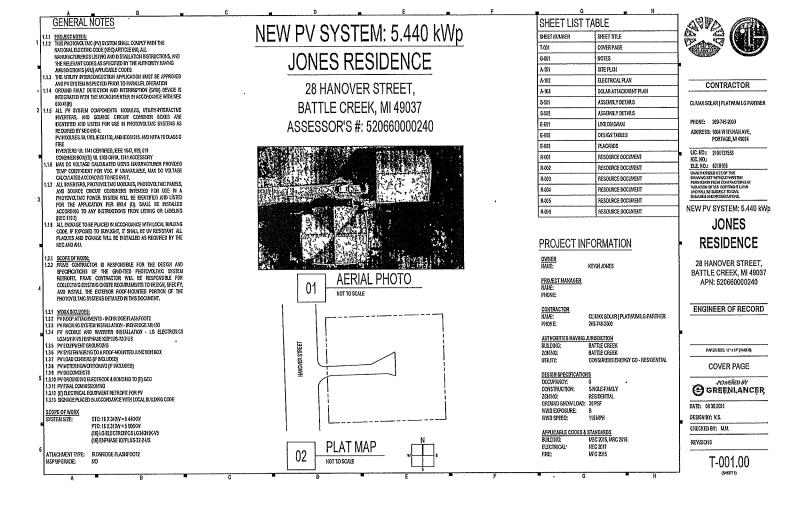
City of Battle Creek
Department of Planning and Community Development 10 N. Division Street, Ste. 117 • Battle Creek, Michigan 49014

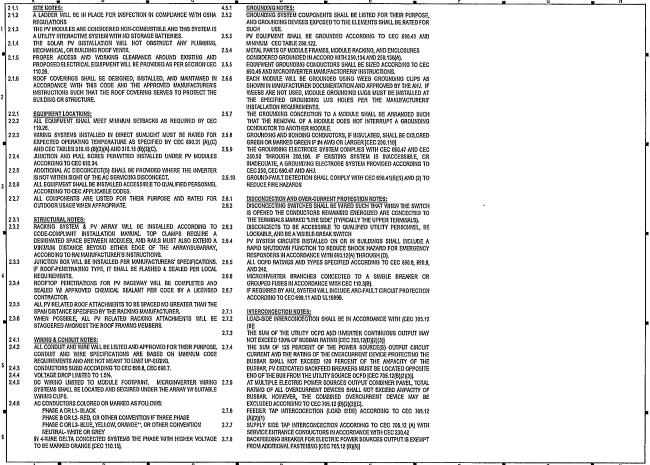
Phone: (269) 966-3320 • www.battlecreekmi.gov

#### HISTORIC DISTRICT COMMISSION

Application for:
Certificate of Appropriateness (for repairs or rehab projects)
Notice to Proceed (for demolition requests)
Minor Class of Work (admin approval)
Petition No
Date Received:
APPLICANT**
NAME: CIMAK SOLAS
NAME: CIMAL SOLAC  ADDRESS: 604 W. Milham Aver Portage Mi Anoza  PHONE: 269-746-2000 FAX:  EMAIL: The fall at 1005 P. Climat Solar-Coly
PHONE: 269-716-2000 FAX:
EMAIL: ThStallations @ ClimatSolas-Com
OWNER (if different from applicant)
NAME: KOVIN JONES ADDRESS: 28 Hanover St, Battle Cleek, Mi, 4901)
PHONE: 26a-967-5978 FAX:
EMAIL: d(Shoesbc@) gmail.com
**If the applicant is not the property owner, a letter signed by the owner agreeing to the application to the Historic
District Commission must be included with the application.
SUBMITTAL REQUIREMENTS/EXISTING CONDITIONS
Address(es) of property for which the request is being sought:
Address(es) of property for which the request is being sought: 28 hander 51.  Current use of the property:
List existing structures on the property and the approximate age of each.
Palit In 2001.
TOMIC COST
to the second how the proposed work relates to the
Please list all activities/proposed work for the property area and how the proposed work relates to the
building as a whole.

erray on Coot
eatures of the structure, or will it create
structural features and the proposed
Proposed Materials (if applicable)
Solal Panuls
, <u> </u>
e structure proposed for demolition?
est requires supplementary items that t. These items are to be submitted with be forwarded to the Historic District
answers given herein are true to the best r Historic District Commission review has ave thoroughly read the "Historic District ly with all requirements and procedures
- t







#### CONTRACTOR

CUMAX SOLAR JPLATMANLG PARTNER

PHONE: 289.746-2000 Address: 1604 W N/1.PAN AVE,

ODRESS: 1604 W NATHAM AVE, Portage, MJ 49024

LIC. NO.: 2101137553 HIC. NO.: 5218166

ELE, NO.: 6218166

UNATHORIZED USE OF THIS
BRAVES SET WATHOUT WATTEN
PEPULSON FROM COMPLICTOR IS IN
VOLUTION OF USE COPPROST UMS
ANDWLE EST SUBSECT TO A
DUAGES AND PROSECUTIONS

NEW PV SYSTEM: 5.440 kWp

## JONES RESIDENCE

28 HANOVER STREET, BATTLE CREEK, MI 49037 APN: 520660000240

#### ENGINEER OF RECORD

PAPERSOE IT 1 11 (ANSI E)

NOTES

PÓWEÑED BY

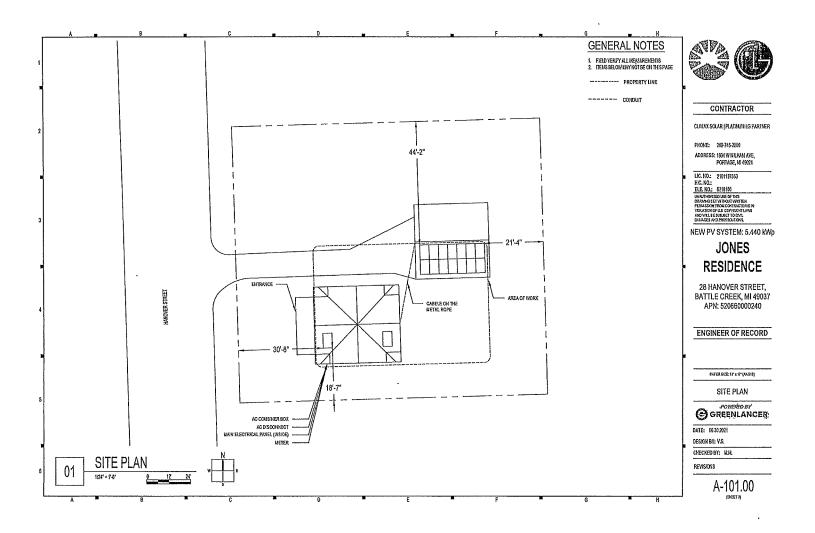
GREENLANCER

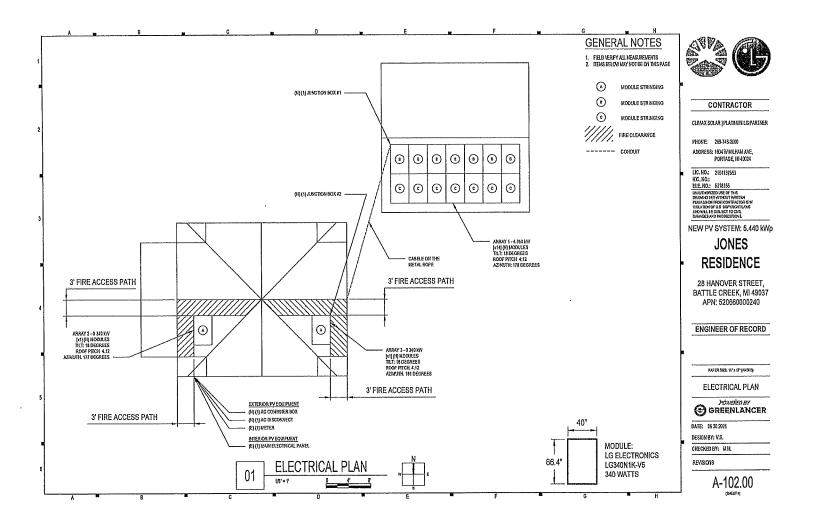
DATE: (5.30.202)

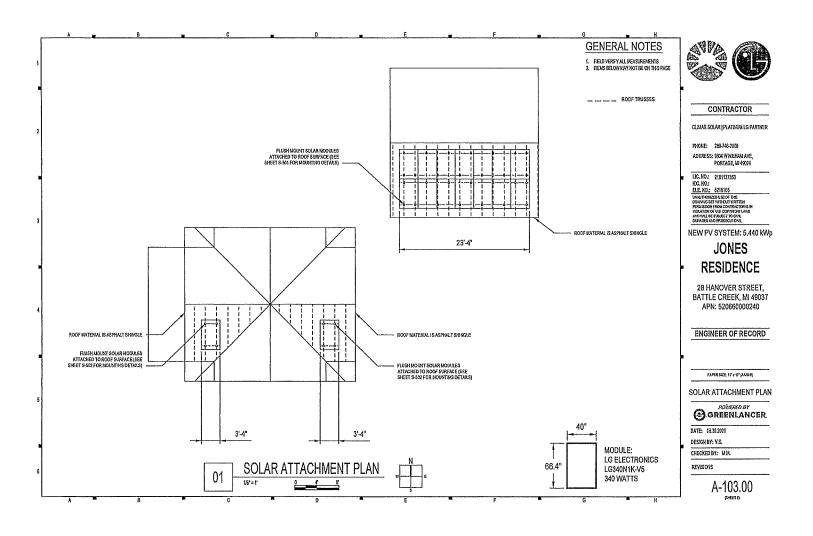
DESIGN BY: V.S.

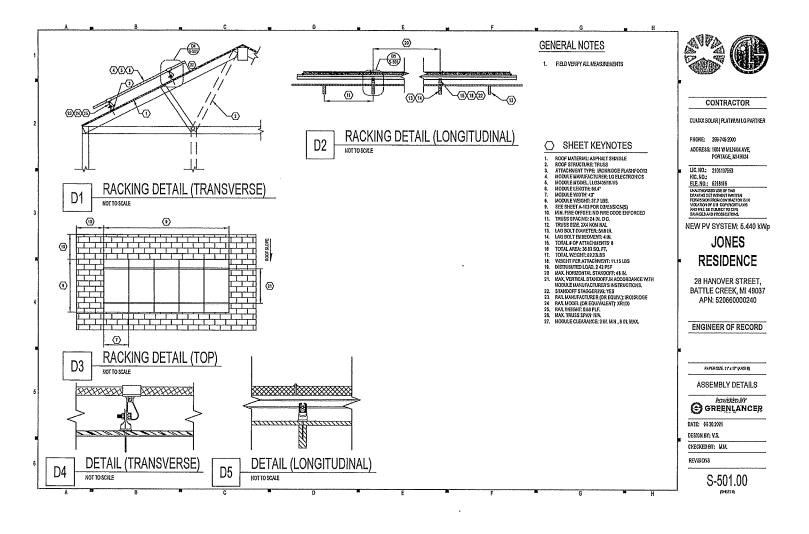
CHECKED BY: M.M. REVISIONS

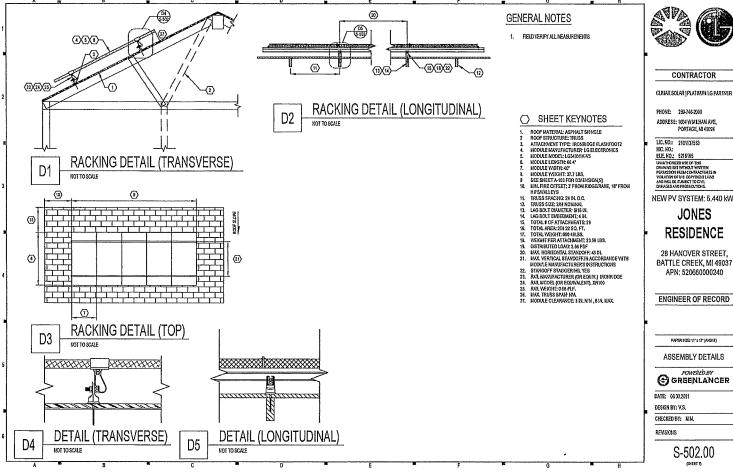
G-001.00













CONTRACTOR

UNUTHEREZED USE OF THIS
DRAWARD SET WITHOUT WESTTEN
FERLESSON FROM CONTRACTOR IS IN
WOLARDON OF US CONTRACTOR IS IN
WOUND OF US CONTRACTOR IS
WOUND FOR SECUTIONS.

NEW PV SYSTEM: 5.440 kWp

## **JONES** RESIDENCE

28 HANOVER STREET, BATTLE CREEK, MI 49037 APN: 520660000240

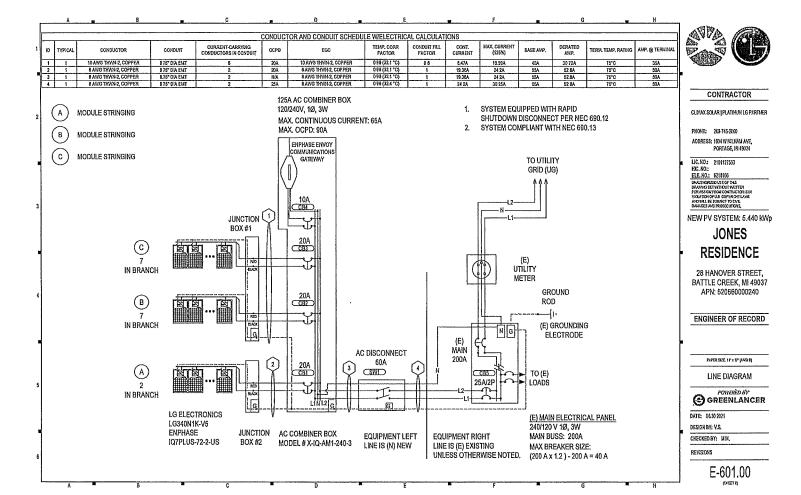
ENGINEER OF RECORD

FAPER FOR IT'S ST WASHIN

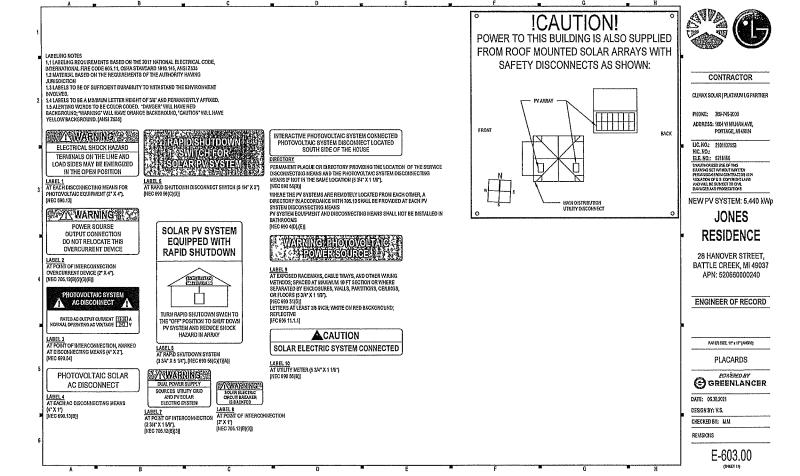
ASSEMBLY DETAILS



S-502.00



									V152.
	SYSTEM SUMWARY						MODULES		
	BRANCH#1 BRANCH#2	BRANCH#3	REF. QTY.		MAKE AND	MODEL		C IMP VOC VMP TEMP, COEFF, OF VOC FUSE RA	700
INVERTERS PER BRANCH	2 7		PM1-16 18	L	S ELECTROVICS	LG340\1K-V5		SA 9.75A 41.2V 34.9V -0.111\V*C (-0.27%/*C) 20A	
MAX AC CURRENT MAX AC CUTPUT POWER	2.42A 8.47A	8 47A					***************************************		
ARRAY STC POWER	590W 2,065W 5,440W	2,065W					INVERTERS		
ARRAY PTC POWER	5,008W		are Land				1 40 1 5400	RATED   MAX OUTPUT   MAX INPUT   MAX INPUT   CEC WEIGH	TED P
MAX AC CURRENT	1936A	L	REF. QTY,		WAKE AND MOD		VOLTAGE GROUND RATING		
MAX AC POWER	4,720W	L	11-16 16	ENP	HASE KOTPLUS	2-2-US	240Y FLOATING 20A	290W 1,21A 15A 60V 97,0%	CONTRACTOR
ERATED (CEC) AC POWER	4,72011								
					DISCO	NNECTS		OCPDS	
ASHRAE EXTREME LOW	-25.1°C (-13.2°F), SOURCE, W K KELL		REF. QTY.		E AND MODEL		RATED CURRENT   MAX RATED VOLTAGE	REF. QTY. RATED CURRENT MAX VOLTAGE	CLRIAX SOLAR [PLATIMUM LG PARTIN
ASHRAE 2% HIGH	32.1 °C (69 8°F), SOURCE: W K KELLO	GG (42.31*; -85.25*)	SW1 1	SOUARE D	DU221RB OR E	WIV.	30A 240VAC	CB1-3 3 20A 240/AC	
								CB4 1 10A 240VAC	PHONE: 269-746-2000
								CB4 1 25A 240VAC	ADDRESS: 1604 W MILHAW AVE.
									PORTAGE, M 49024
									E LIC. NO.: 2101137553
									HIC. NO.
			<u>-</u>	BILL OF MA	ATERIALS				ELE. NO.: 62(8155
CATEGORY	KAXE	NODEL NUMBER	REF	QTY	URIT	OTY/UNIT		DESCRIPTION	UNIUTHORIZED USE OF THIS DRIVAND SET WITHOUT WRITTEN PERMISSION FROM CONTRACTOR IS IN
WOONE	LG ELECTRONICS	LG340N1K-V5	PM1-18	16	PIECES	1	LG ELECTRONICS LG340N1X-V5 340W 60 C	ELLS, MONOCRYSTALLINE SALICON	VIOLATION OF U.S. COPYRGAT LAVA
#WERTER	EXPHASE	KQ7PLUS-72-2-US	11-16	16	PIECES	1	EMPHASE IO7PLUS-72-2-US 290W INVERTE	R	AND WILL BE SUBJECT TO CAYL DAMAGES AND PROSECUTIONS
DISCONNECT MISC ELECTRICAL EQUIPMENT	SQUARE D	DUZZIRB	SW1	1	PECE	11	SQUARE D DU221RB, NON FUSED, 2-POLE,	30A, 240VAC OR EQUIVALENT	DAVAGES AND PROSECUTIONS
AC COMBINER PANEL		GEN-CABLE-CLEP ENPHASE-KO-PANEL	HDWR19-99 EP1	£0 1	PECES	1 1	GENERIC CABLE CLIP ENPHASE IQ+ COVENER (X+Q-AM1-240-7)		NEW PV SYSTEM: 5.440 k
MONITORING		ENPHASE-ENVOY	ENVI	++	PIECE	1-1-	ENPHASE ENVOY		
YORNG	ENPHASE	Q-12-17-240	EN1-16	16	PIECES	-	ENPHASE ENGAGE (TH) TRUNK CABLE		JONES
WAING	ENPHASE	Q-TERM-10	EN17	1 1	BUNDLE	10	ENPHASE ENGAGE (TH) BRANCH TERMENA	TOR	UONEO
WRNG	EMPHASE	Q-SEAL-10	O-SEAL-10 EN18 1 BUNOLE 10 ENPHASE ENGAGE (TIM) WATERTIGHT SEALING CAP		RESIDENCE				
WRNG		GEN-10-AWG-THWN-2-CU-RD	WRI	90	FEET	1	10 AWG THWN-2, COPPER, RED (LINE 1)		ר אבטוטבוועכב
Wark		GEN-10 AWG-THWN-2-CU-BLK		90	FEET	1	10 AWG THWN-2, COPPER, BLACK (LINE 2)		
WAING		GEN-10-AWG-THWN-2-CU-GR	WRI	45	FEET	111	10 AWG THWN-2, COPPER, GREEN (GROUN	[0]	28 HANOVER STREET.
WIRNG		GEN-10-AWG-THWN-2-CU-RD GEN-10-AWG-THWN-2-CU-BLK	WR2 WR2	45	FEET	<del> !</del>	10 AWG THANN-2, COPPER, RED (LINE 1)		BATTLE CREEK, MI 4903
WRNG		GEN-10-AWG-THWN-2-CU-GR	WR2	45 45	FEET	1	10 AWG THWH-2, COPPER, BLACK (LINE 2) 10 AWG THWH-2, COPPER, GREEN (GROUN	271	APN: 520660000240
WRING		GEN-8-AWG-THWN-2-CU-RD	WR3-4	20	FEET	<del>                                     </del>	8 AWG THYN-2, COPPER, RED (UNE 1)	10)	APN: 020000000240
WARING		GEN-8 AWG-THWN-2-CU-BLK	WR3-4	20	FEET	1	8 AWG THWN-2, COPPER, BLACK ILINE 2)		
WRMG	_	GEN-8-AWG-THWN-2-CU-WH	WR3-4	20	FEET	1	8 AWG THWN-2, COPPER, WHITE (NEUTRAL	1	
WIRING		GEN-8-AWG-THWN-2-CU-GR	WR3-4	20	FEET	1	8 AWG THWN-2, COPPER, GREEN (GROUND	D)	ENGINEER OF RECORD
WAREWAY	ENPHASE	ET-SPLK-05	ENS	111	BUNDLE	5	ENPHASE ENGAGE (TM) ENGAGE COUPLE	3	
WIREWAY OCPD	GENERIC MANUFACTURER	GEN-EMT-0.75* DIA	WW1-5	65	FEET	1	EMT CONDUIT, 0.75° DIA		
OCPO OCPO	GENERIC MANUFACTURER  GENERIC MANUFACTURER	GEN-CB-20A-240VAC GEN-CB-10A-240VAC	C81-3 C84	3	PIECES	<del>                                     </del>	CIRCUIT BREAKER, 20A, 240VAC		) <del>-</del>
OCPD	GENERIC MANUFACTURER	GEN-CB-25A-240VAC	CB5	1 1	PIECE	1 1	CIRCUIT BREAKER, 10A, 240VAC CIRCUIT BREAKER, 25A, 240VAC		
TRANSITION BOX	GENERIC MANUFACTURER	GEN-AWB-TB-4-4X	JB1-2	<del>                                     </del>	PIECE	2	TRANSITION/PASS-THROUGH BOX, WITH 4	TERUNAL RIOCKS	PAPER SIZE 11"s 11" (ANSI IS)
				· · ·	1 1100		THE PROPERTY OF THE PARTY OF TH	100 cm of an order) by	DESIGN TABLES
									YROZZEWOŁ
				~					GREENLANCE
									DATE: 06:30:2021
									DESIGN BY: V.S.
									2
									CHECKED BY: MAL
									Paradia
									REVISIONS





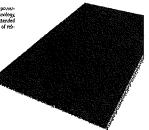
### 350W | 345W | 340W | 335W

The LG REON® 2 is LGS beat setting solar module, and is one of the most powerful and venautie modules in the mainst today. Facturing LGS CEO Technology, but LG NROM® 2. Increases power coupts. New Jodess include an extended performance warranty to 95,000 % to give customers a greater sense of reliability and peace of mind.









#### Feature



Enhanced Performance Warranty IG NeON® 2 has an enhanced performance variancy. After 25 years, IG NeON® 2 is guaranteed to perform at maximum 90.08% of incidal performance.



Enhanced Product warranty

1G has extended the warranty of the NeON® 2
to 25 years, which is among the top of industry standards.



Better Performance on a Sunny Day

Better Performance on a summy on,

UG NEON® 2 now performs better on summy
days, thurks to its engroved temperature
coefficient.



#### Roof Aesthetks

Roof Aesthetics
IEG NeON® 2 has been designed with easthetics in
meditating thomes wines that appear all black at a
distince. The IES NeON® 2 can locreate the aesthetic
vivae of your home with a more modern design.

About LG Electronics
LG Debruce as glass by Award convention of
1111 according to County and provided in
1111 according to County and provided in
1111 according to County and the Allice
1111 according to County and the Allice
1111 according to County according to the
1111 according to County according to County according to the
1111 according to County according to the County according t



## LG NeON®2 Black

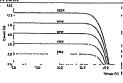
LG350N1K-V5 | LG345N1K-V5 | LG340N1K-V5 | LG335N1K-V5

KATPALED CONTINUE.	
Call Mary C 19. 1	. 14
teltospetail.	மேன்ற
Leidert Beauer	. 1 12EA
And themate Kalvalo	Millers & Million & Chris
Whate Kee Lands	7794
604 (threath)	Trecend Charwell All Carring
tacken Kelef H	, i tari
(proposition)	Medalfirms
Aratha Latera h too burn	P CE web 3 Syreat Dakes
Chier (insul)	1,000 am + 154
Covertrible ( Wol.	10C4/10C

1	EC61215-12-1-1/22016 EC61730
Constitution of the same	1/22816 (£ 170)
Constitution of the Party of	50 901,50 14031,50 50361
6°, 5°	C+FAS 18001
SA MACO COLLETON	EC61791 2712 Severty 8
tiutida terreste ter	FC 62716 7017
Wat a tre tu for ourse.	7pe 1 (A. 1703)
listant.	Charles 190 across C130 ft
Sand Har de Braket Wagnery	25 Years
Sala Handa Daged Victoria	Unarily wty

INOC.	7.77	4713
Park to	V231	-036
Vibe	140	-0.25
	12001	001

EXECUTABLE LAND	NI)			
Hold.	LEZEN	: DOCTION	THE CHAIN	LOSSINA
Make Supports 1647	213_	4. 259	. 235	251
Mark water (mart). (M	333	1111	328	33,4
LEP LITTER TOP	7,23	1 780	772	776
M (per) special principal (mg) [M]	355	31.9	21.8	34.7
is a liquitom (fix) [4]	831	F-75	132	" B28 .





Product specifications are subject to everywhere recon-UNITS CONTROL OF A HISTORY

Moth torew.







CONTRACTOR

CUNAX SOLAR (PLATINUM LG PARTNER

PHONE: 289-746-2000 ADDRESS: 1604 W.WILHAM AVE, PORTAGE, NI 49024

LIC. NO.: 2101137553
HIC. NO.: 6216165
LIC. NO.:

NEW PV SYSTEM: 5.440 kWp

## **JONES** RESIDENCE

28 HANOVER STREET, BATTLE CREEK, MI 49037 APN: 520660000240

ENGINEER OF RECORD

PAPER SIZE 11" + 11" (ANSI 15)

RESOURCE DOCUMENT

AONERED BY GREENLANCER

DATE: 66:30:2021

DESIGN BY: V.S. CHECKED BY: MIN.

REVISIONS

R-001.00

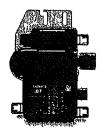
Data Sheeq Enphase Microinverters

#### Enphase IQ 7, IQ7+, and IQ 7X Microinverters

The high-powered smart grid-ready Enphase IQ 7 Micro and Enphase IQ 7+ Micro dramatically simplify the installation process while achieving the highest system efficiency.

Part of the Enphase IQ System, the IQ 7, IQ 7+ and Pari or the Enphase IQ System, the IQ 7, IQ 7\* and IQ 7X Micro integrale seamlessly with the Enphase IQ Envoy\*, Enphase Q Aggregator\*, Enphase IQ Battery\*, and the Enphase Enlighten\* monitoring and enalysis software.

The IQ Series Microinverters extend the reliability standards set forth by previous generations and undergo over a militon hours of power-on testing, enabling Enphase to provide an industry-leading warranty of up to 25 years,



0

#### Easy to Install

- Ughtweight and simple
   Foater installation will improved, byliter two-vire cability
   Built-in rapid shutdown complant (NEC 2014 & 2017)

#### Productive and Reliable

- Optimized for high powered 60-cell, 72-cell-, and 96-cell-1 modules
- More than a million hours of testing
   Class II double-insulated enclosure

#### Smart Grid Ready

- Comples with advanced grid support, voltage and frequency ride through requirements
   Remostly updates to respond to changing grid requirements
   Configurable for varying grid profiles
   Meets CA Rule 21 (UL 1741-SA)

- \* The IQ 7+ Micro is required to support 77-cell modules
  \*\* The IQ 7X is required to support 95-cell modules.

To learn more about Enphase offerings, visit enphase.com



#### Enphase IQ 7, IQ 7+, and IQ 7X Microinverters

107-60-2-US	1979185-72-2-8	1Q7X-96-2-US
195W-330W+		236W+403W+ *
		95-cellPV modules
		2828
		53 V-64V
		258:008 17:32
		30V/80V
		30 A- 1 1 1 1 1
1227	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1222
	- 81-5-1-11-6-31-6-31-	35.4.1.4.5.1.4.1.4.1.4.1.3.1.34.1.
AG side protection requires m	sax 20A per brench circuit	
		(Q 7X Microlmyorter
		- 320,VA' F W
240 VA		315 VA
7240V)	211264	21/2647 1 163223V
		131A 151A
		CEOHY THE
47 - 68 Hz		47 - 68 Hz
SRAIMS		CPBANIS CA
		12 (240 VAC) - 4 -
		10 (20a YAC)
	The second second	1-11-2-2-3-3-3-
04	0,	DA
		17.0
		0.7 leading = 0.7 lagging
₽240 V ₽208 V	Q240 @208 Y	@240 Y @208 V
. 97.0 %. 97.0 %	97,0 57, 48,5%	77.0%
IQ 7 Microlarettet	IQ 7+ Microlnverter	IQ 7X Mitrolnyetter
7,40°Q to 165°C	'40°C to'+65°C	40°00150°0
4% to 100% (condenting)		I was a second of the second of
MG4 (or Amphenyl H4 UTX)	Magdibas Gottas (diplet)	
	Maddipud d-occas topical (mysan practo)	
MG4 (or Amphenyl H4 UTX)	(wnkout bracket)	
1/G4 (or Ampherick H4 UTX); 212 mm x 175 mm x 30 2 mm 97 for (2031); Natural connection - Ha fars	(wnkout bracket)	Partivini Partivini
1/G4 (or Ampherick H4 UTX); 212 mm x 175 mm x 30 2 mm 97 for (2031); Natural connection - Ha fars	(without bracket)	
MG4 (or Appliend H4 UTX) 212 mm x 175 mm x 30 2 mm (92 pg/2,03 h2)	(without bracket)	
MG4 (or Ampherol H4 UTX); 212 nm x 175 mm x 30 2 mm 30 2 mm x 30 2 mm x 30 2 mm 30 2 mm x 30 2 mm x 30 2 mm 30 2 mm x 30 2 mm x 30 2 mm 30 2 mm x 30 2 mm x 30 2 mm 30 2 mm x 30 2 mm x 30 2 mm x 30 2 mm 30 2 mm x 30	(without braclet)	FFT TO YA
HGC (or Applied) HOTEN 212 mm x 175 mm x 30 2 mm 92 for 2 mg to Hatund connection Ha fors PD3 Life 1 (1951) ho advices to	(without braclet)	
MG4 (or Ampherol H4 UTX); 212 nm x 175 mm x 30 2 mm 30 2 mm x 30 2 mm x 30 2 mm 30 2 mm x 30 2 mm x 30 2 mm 30 2 mm x 30 2 mm x 30 2 mm 30 2 mm x 30 2 mm x 30 2 mm 30 2 mm x 30 2 mm x 30 2 mm x 30 2 mm 30 2 mm x 30	(without braclet)	FFT TO YA
HGC (or Applied) HOTEN 212 mm x 175 mm x 30 2 mm 92 for 2 mg to Hatund connection Ha fors PD3 Life 1 (1951) ho advices to	(without braclet)	NE TOTAL
	22/14V 22/14V 23/5A 1 1 1 upgrounded may No e 1 1 upgrounded may No e 1 2 Mutchinterier 230 VAL 240 VA 240	60 cell by modules only   60 cell and 72 cell PV modules   70 cell and 72 cell PV modules   70 cell PV modules

Compatible with Caphase (Demo)

The AC UND Convertical Empire of an advantage opinion

The AC UND Convertical Empire of an advantage of a property of the Caphase (Demo)

CAR the AC UND CONVERTICAL EMPIRE OF ACT O 1741-SA)
174 1071-01 nted as PY Ropid Shut Down Equipment and conforms with NEC-2014 and DIT only C221-2015 Rudo 64-218 Ropid Shundown of PY Systems, for AC than installed according manufacturer's interoctors.

1 No reduced DC/AD ratio Spetty computabley and chainst at explosion retrieval procedimental exemption life in [14]. If commit voltage tange can be extended by good number life gained by the utility.

To learn more about Enphase offerings, visit enphase.com
12017 Engage Enray Augustus and Advatoratis or bries und se the property of United Enray, in.
20174-1509(UM)

O ENPHASE.



CONTRACTOR

CUMAX SOLAR [PLATINUM LG PARTHER

PHONE: 269-746-2000

LIC. NO.: 2/01/37553
HOC. NO.:
ELE NO.: 52/6/65
DOWNINGSTREE USE OF THE DOWNINGSTREE USE OF THE PROCESSOR OF

NEW PV SYSTEM; 5.440 kWp

## **JONES** RESIDENCE

28 HANOVER STREET, BATTLE CREEK, MI 49037 APN: 520660000240

ENGINEER OF RECORD

PAFERSZE IP : OF PASSES

RESOURCE DOCUMENT



DATE: 06.30.2025

DESIGN BY: V.S.

REVISIONS

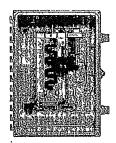
CHECKED BY: UJL

R-002.00

Data Sheet Enphase Networking

Enphase **IQ** Combiner 3 (X-IQ-AM1-240-3)

The Enphase IQ Combiner 3\* with Enphase IQ Envoy™ consolidates interconnection equipment into a single enclosure and streamlines PV and storage installations by providing a consistent, pre-wired solution for residential applications. It offers up to four 2-pole input circuits and Eaton BR series busbar assembly.



re about Enphase offerings, visit enphase.com

(ĥľ

LISTED To learn m

#### Smart

- Includes IQ Envoy for communication and control
- Flexible networking supports Wi-Fi, Ethernet, or cedular
- Optional AC receptable available for PLC bridge

   Provides production metering and optional consumption monitoring

#### Simple

- Reduced size from previous combiner
  Centered mounting brackets support single ctud mounting
  Supports back and aide conduit cntry

- Up to four 2-pole branch circulto for 240 VAC phys-in breakers (not included)
   80 A total PV or storage branch circults

#### Rellable

- Durable NRTI-certified NEMA type
   3R enclosure
- Five-year warranty
   UL Ficted

O ENPHASE.

MODEL NUMBER	
(0 Combine) 3 X30 AMI-246-3 5	(3) O'Combiner 3' with Entities to Enryl," planted that the board tot program of the project of the project of the Annual Project
ACCESSORIES ON REPLACEMENT PARTS	
CET (NOBEW) (I de ses dien), emigrati CET (NOBEW of (16), emigration) CET (NOBEW of (16), emigration) CET (NOBEW of (15), emigration)	Alge end of hudgated wade tilbigs incommitted an electric parties of the second incomments of the US constablished paint for any like US vigor information of the second for any like US vigor information of the second for the US vigor information and like US vigor information
Consumption Mondoling* CT CT-200-SPEIT	Split core current transformers enable whole home consumption metering (+/- 2.5%).
Chron Basilian BBS 1904-2240 BRS 2015-2240 DRS 2015-2240 DRS 2015-2240	Supplint Eating Prizes, Brizes, Brizes
CPLC-01	Power line cerder (communication bridge pair), guantity 2
XA ENV PCBAS	Accessor recentled to footh the Carille in 20 Sorblack alternated for EPLO-01]. 4  Replacement in Emory printed circuit bound (PCII) for Carolines 3
ELECTRICAL SPECIFICATIONS	
<b>地域ない、、、、、、、、、、、、、、、、、、、、、、、、、、、、、、、、、、、、</b>	Conthibeta dolly
System tolings	120/240 VAC, 60 Hz
Ealon Bit senes bush proping	FIRE THE PROPERTY OF THE PROPE
Mais, continuous current reting (output to grid)	65A
Max fusacucint raing (output)	20 March 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
Branch electics (soler and/or storage)	Up to four 2-pole Eaton BR series Distributed Generalion (DO) britaliers only (not included)
Ariax, continuous purport rating flogat from PV).	1854 - 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2
Ha a total branch excult breaker rating (input)	80A of distributed generation / 90A with 10 Envoy breater included
Procedural Attaches Int	200 A area to je pre in teledard the die Rempt.
MECHANICAL DATA	
Ortonslone (Walto)	195x376x15 Kem (195;x1405 ke.64). Heightle 21.06 (53,6 cm with mounting brackets
Wegh	7.5 kg (16.5 lbs)
Coppent temperaturatanga.	1 10°C10 416°C(40°103157E)
Cooling	Hatural consection, plus health eld
Enclosure emplorments retribut	Outsoon that coughed News the east polyombooms construction
Wire sixes	20 A to 50 A breaker Invuist 14 to 4 Afric expect conductors 50 A breaker branch hypot. 4 to 710 A VXC expect conductors Hally by combined output: 10 a 710 A VXC expect conductors Hally by combined output: 10 a 710 A VXC expect conductors Hally a few for the 14 to 170 expect conductors Always a fellow foocit cody treduplements for productors string,
KNEEL LAISE AND A SERVE A	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
INTERNET CONNECTION OPTIONS	
biteralid Williams	. 1027 high Optional, 6023, Cathe (or Cat 6) UTP Ethernet cable (pot Included)
69641- 17 17 17 17 17 17 17 17 17 17 17 17 17	THE REPORT OF THE PROPERTY OF

To learn more about Enphase offerings, visit enphase.com

Ordisfinduce freeze H high opened charantals of brack artist documentals of predicted to

OENPHASE.





CONTRACTOR

CUMAX SOLAR | PLATINUM LG PARTHER

PHONE: 269-746-2000 ADDRESS: 1604 W MILHAM AVE, PORTAGE, MI 49024

LIC. NO: 2101137553
HIC. NO: ELE. NO: 6215166
UNSTITUTED US OF THE DAYAGE SET WITHOUT WHITEH PRUMS CONTROLLING IN WOLDON OF US COPTROIT LIVE ANOMAL ES RABECT TO CAS.

DUMGES AND PROSECUTIONS,

NEW PV SYSTEM: 5.440 kWp

## **JONES** RESIDENCE

28 HANOVER STREET, BATTLE CREEK, MI 49037 APN: 520660000240

ENGINEER OF RECORD

PAFERSOE 17x17 (ANSI B)

RESOURCE DOCUMENT



DATE: 06.30.2021

DESIGN BY: V.S.

CHECKED BY: M.M. REVISIONS

R-003.00

QIJW.E341165 - Photovoltaic Rapid Shutdown System Equipment 31.01.2018 (VL) ONLINE CERTIFICATIONS DIRECTORY QIJW.E341165 Photovoltaic Rapid Shutdown System Equipment Page Bottom Photovoltaic Rapid Shutdown System Equipment See General Information for Photovoltaic Racid Shutdown System Equipment ENPHASE ENERGY INC E341165 na, CA 94954-6515 USA Cat. No. Function Ratings Photovoltalc rapid shutdown system equipment Input: 16-48VDC Output: 120/208 or 120/240, 190W M190-60, -72 Inverter/AC Attenuator M210-84 Inverter/AC Attenuator Input: 16-48VDC Output: 120/208 or 120/240, 210 W M215-60 Inverter/AC Attenuator Input: 16-48VDC Output: 120/208 or 120/240, 215W M250-60, -72 Inverter/AC Attenuator Input: 16-48VDC Output: 120/208 or 120/240, 250W 5230-60-LL-X-US Inverter/AC Attenuator Input; 22-48VDC Output: 208 or 240, 220W S280-60-LL-X-US Input: 22-46VDC Output: 208 or 240, 270W Inverter/AC Attenuator IQ6PLUS-72-X-US\*(a)(b) IQ6PLUS-72-ACM\*(b) Inverter/AC Attenuator Input: 16-62VDC Output: 208 or 240, 280W Inverter/AC Attenuator Input: 16-62VDC Output: 208 or 240, 230W IQ7PLUS-72-X-US\*(a)(b) IQ7PLUS-72-ACM\*(b) Inverter/AC Attenuator Input: 16-62VDC Output: 208 or 240, 290W IQ7-60-X-US\*(a)(b) IQ7-60-ACM-US\*(b) Inverter/AC Attenuator Input: 16-48VDC Output: 208 or 240, 240W (a) - Where X may be 2 or 5 (b) - Where \* may be any combination of letters or numbers or hypen or none Last Updated on 2017-12-28 Questions? Print this page Terms of Use Page Top

The appearance of a company's name or product in this database does not in listelf assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings), 2. The statement "Reponted in the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright nodus in the following format: "@ 2018 UL LLC".





CONTRACTOR

CLINAX SOLAR | PLATINUM LG PARTNER

PHONE: 269-746-2000 Address: 1604 W Muham Ave, Portage, NJ 49024

FORTAGE, MI 49024 LIC. NO: 2101137553

HIC. NO.: 5218166

ELE, NO.: 6218166

UNUTHEREZEO USE OF THIS

DEALWAG SET WITHOUT WRITTEN

PER MISSION FROM CONTRACTOR IS IN

YOUR DOOR SET WITHOUT OF MISSIN

HOWELD BE SUBJECT TO CAM.

DUMAGES AND PROSECUTIONS.

NEW PV SYSTEM; 5.440 kWp

## JONES RESIDENCE

28 HANOVER STREET, BATTLE CREEK, MI 49037 APN: 520660000240

ENGINEER OF RECORD

PAFERSOE IT LIT (ASS E)

RESOURCE DOCUMENT

PÓWEREDÍAY GREENLANÇER

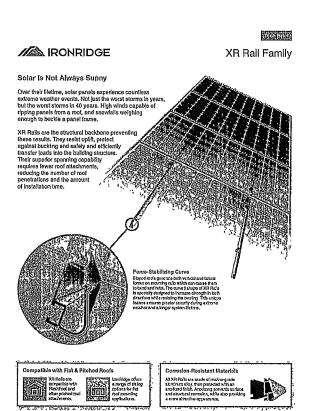
DATE: 06302021

DESIGN BY: V.S.

CHECKED BY: N.X.

REVISIONS

R-004.00



XR Rail Family

The XR Rail Family offers the strength of a curved rail in three targeted sizes. Each size supports specific design loads, while minimizing material costs. Depending on your location, there is an XR Rail to match.



XR100 is the ultimate resident mountary rail. It supports a re-wrid and apow conditions, wh maximizing spans up to 8 feet

8' sparning capability Heavy load capability Clear & black anotize Internal spices avails

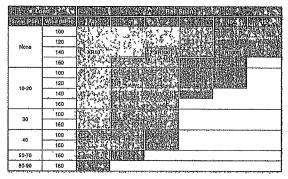
Teel Brief

#### XR1000

XR1000 is a heavyweight as soith mounting rails. It's but softens clausies and spans more for commercial applica

#### Rail Selection

The following table was prepared in compliance with applicable engineering codes and standards. Values are based on the following crimaria ASIGE\*\*10, Roof Zone 1, Exposure B, Roof Slope of 7 to 27 degrees and Mean Building Height of 30 ft. Visit honRidge.com for detailed pen tables and colfilications.





CONTRACTOR

CLINAX SOLAR | PLATINUM LG PARTIER

PHONE: 269-746-2000

LIC. HO.: 2101137553
HIC. NO.: ELE. NO.: 6218165
LECUTIORISED USE OF THE REAL SOCIETY WITH HER LICENTATION IN WORLD HOUSE OF THE REAL SOCIETY OF T

NEW PV SYSTEM: 5.440 kWp

## **JONES** RESIDENCE

28 HANOVER STREET. BATTLE CREEK, MI 49037 APN: 520660000240

ENGINEER OF RECORD

PIPERSIZE IT I IT (WISIN

RESOURCE DOCUMENT

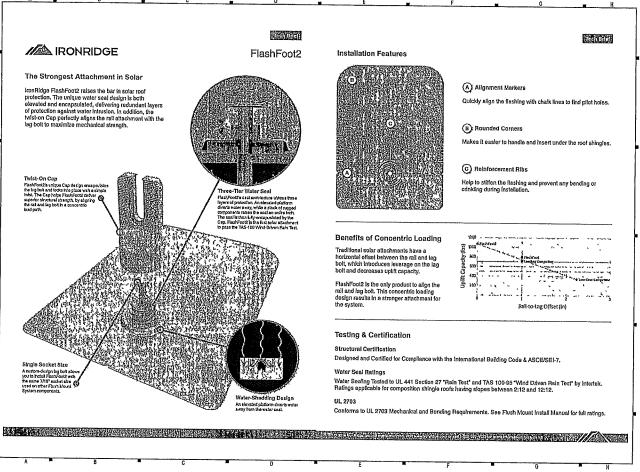
PÒWERED BY
GREENLANCER

DATE: 06:30 2021

DESIGNBY: V.S.

CHECKED BY: U.M. REVISIONS

R-005.00







CONTRACTOR

CLIMAX SOLAR | PLATINUAL G PARTNER

PHONE: 269-746-2000 ADDRESS: 1604 W WRIHAM AVE, PORTAGE, NI 49024

LIC. NO.: 2101137553

HIC. NO.: 6216166

NEW PV SYSTEM: 5,440 kWp

## **JONES** RESIDENCE

28 HANOVER STREET, BATTLE CREEK, MI 49037 APN: 520660000240

ENGINEER OF RECORD

PAFER SIZE 11" LT" (WELE)

RESOURCE DOCUMENT

POWERED BY GREENLANCER DATE: 06:30:2021

DESIGN BY: V.S. CHECKED BY: M.M.

REVISIONS

R-006.00



# **Battle Creek Historic District Commission**

## Staff Report

### 181 W. Emmett Street

Meeting: August 9, 2021 Case No. H-13-21

To:

Historic District Commission

From:

Eric Feldt, Planning/Zoning Coordinator, AICP, CFM

Date:

July 27, 2021

Subject:

The petition, filed by X-Tream Roofing LLC, is for the issuance of a Certificate of

Appropriateness for various new roof sections at 181 W. Emmett Street pursuant to

Zoning and Historic District Commission requirements.

#### **Summary**

The business owner wishes to install new metal roofing at various sections of the subject building to replace the existing aging roof. The applicant filed the subject HDC Certificate of Appropriateness because the subject property (181 W. Emmett Street) is located in the Old Advent Town historic district. Staff recommends approval of the project at because the project meets the standards outlined in Chapter 1470.09 "Review of Applications", Chapter 1470.17 "Preservation of Historic Features" and the Secretary of the Interior's Standards and Guidelines.



Figure 1. Map of the neighborhood showing the subject site (181 W. Emmett Street). Aerial photograph provided by City of Battle Creek, dated April 2020 (approx.).

### Site & History

The subject site is located at 181 W. Emmett Street, north of the Federal Center. See Figure 1. It is also in the Old Advent Town local historic district. According to the City's Assessor's records, the site consists of 3.3 acres in size and is developed with a one- and two-story health/ medical facility (Grace Health), built in 1994. The building consists of an expansive single-story level, with a central two-story portion. Further, the building has multiple exterior entrances facing a large paved parking lot. The main public entrance has a large drive-through canopy extending into the parking lot. The roof largely consists of a flat or low-sloped roof with several protruding roof sections with understory windows. These sections have a steeper, gable design and consist of dimensional asphalt shingles.

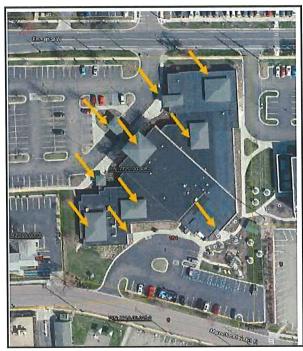


Figure 2. Arrows point to ten roof sections that will be replaced with metal sheets under the subject proposal. Aerial photograph provided by City of Battle Creek, dated April 2020 (approx.).

## **Project Description**

Since the proposed roof will consists of a different material and design than the existing roofing material, the applicant filed the subject HDC Certificate of Appropriateness (No. H-13-21). The subject request only affects the portions that consist of asphalt shingles (Figure 2). These areas are at the front and back entrances and the higher roof lines. According to the applicant, the existing shingled roofing material will be removed and replaced with a new underlayment and then new metal sheets as the outer layer. The chosen metal sheet product is a Meridian Snap Together Metal Roofing produced in 12" to 16" wide sections between the snap in ribs. An example image of the metal sheet design is attached. Also, details of this material can be found at their following website: https://www.mcelroymetal.com/standing-seam-metal-roofing-systems/meridian.

#### Analysis

Due to the location and design of the proposed metal roofing sheets, staff finds that the new roof sections may result in a prominent appearance of the overall building, which triggered the filing of the subject HDC Certificate of Appropriate. As mentioned earlier, the building was built in 1994 and generally consists of a contemporary design and construction material. As a result of the relatively young age of the building compared to historic buildings in the area, the subject building is considered a non-contributing resource in the historic district. Further, the roof sections under consideration for replacement also consists of a contemporary design and material (dimensional asphalt shingle). As a result, staff does not find the existing roof consisting of historic significance.

# <u>Applicable HDC Guidelines and Analysis for a Certificate of Appropriateness to install new portions of a roof at 181 W. Emmett Street.</u>

This property is reviewed in accordance with City of Battle Creek Building and Housing Code Chapter 1470 "Historic Preservation", as amended, the Michigan's Local Historic Districts Act, as amended, and the criteria for the National Register of Historic Places as outlined in the Secretary of the Interior's Standards and Guidelines.

Specifically, the Commission shall follow Section 1470.09 Review of Applications, as follows:

- (b) The Commission shall also consider all of the following:
  - (1) The historic or architectural value and significance of the resource and its relationship to the historic value of the surrounding area.
  - (2) The relationship of any architectural features of the resource to the rest of the resource and the surrounding area.
  - (3) The general compatibility of the design, arrangement, texture, and materials proposed to be used.
  - (4) Other factors, such as aesthetic value that the Commission finds relevant.
- (c) The Historic District Commission shall review and act upon only exterior features of a resource and shall not review and act upon interior arrangements...

#### And

#### 1470.17 PRESERVATION OF HISTORIC FEATURES.

(a) Every reasonable effort shall be made to provide a compatible use for a resource which requires minimal alteration of the building, structure or site and its environment, or to use the resource for its originally intended purpose.

Staff finds that the project will not result in any substantial alteration of the building or site.

(b) The distinguishing original qualities or character of a resource and its environment shall not be destroyed. The removal or alteration of any historic material or distinctive architectural features shall be avoided when possible.

As stated earlier, the roof of the subject building consists of contemporary material and design. The proposed metal roof material will not destroy the original qualities or character of the building. Staff is not aware of any historic material or architectural features existing on the subject site.

(c) All resources shall be recognized as products of their own time. Alterations that have no historic basis and which seek to create an earlier appearance shall be discouraged.

The project will not create alterations resulting in an earlier appearance.

(d) Changes which may have taken place in the course of time are evidence of the history and development of a resource and its environment. These changes may have acquired significance in their own right, and this significance shall be recognized and respected.

This criteria is not relevant to the project because no changes to the exterior have taken place which may have acquired significance in their own right.

(e) Distinctive stylistic features or examples of skilled craftsmanship which characterize a resource shall be treated with sensitivity.

As stated earlier, the roof of the building consists of a contemporary design and material. Staff does not find the roof to have distinctive stylistic features or specific skilled craftsmanship. Therefore, this criteria is not relevant to the project.

(f) Deteriorated architectural features shall be repaired rather than replaced wherever possible. In the event replacement is necessary, the new material should match the material being replaced in composition, design, color, texture and other visual qualities. Repair or replacement of missing architectural features should be based on accurate duplications of features, substantiated by historic, physical or pictorial evidence rather than on conjectural designs or the availability of different architectural elements from other resources.

This criteria is not relevant because the proposal does not entail any repairs or replacements.

(g) The surface cleaning of resources shall be undertaken with the gentlest means possible. Sandblasting and other cleaning methods that will damage the historic materials shall not be undertaken.

Intensive cleaning application such as sand blasting will not be necessary for the project.

(h) Every reasonable effort shall be made to protect and preserve archaeological resources affected by or adjacent to any project.

This criteria primarily applies to projects involving ground work. No ground work is proposed under the subject project.

(i) Contemporary design for alterations and additions to existing resources shall not be discouraged when such alterations and additions do not destroy significant historic, architectural or cultural material and when such design is compatible with the size, scale, color, material and character of the property, neighborhood or environment.

This criteria is not relevant to the project since it does not entail any alterations or additions to the site.

(j) Whenever possible, new additions or alterations to resources shall be done in such a manner that if such additions or alterations were to be removed in the future, the essential form and integrity of the resource would not be unimpaired.

The proposed roofing material is metal sheets which are expected to be installed through the use of screws and, therefore, can be removed without changing the essential form or integrity of the building.

#### Recommendation

The property owner wishes to replace the aging asphalt roof with new metal roofing at various sections of the subject building. Based on staff's analysis of the application and site conditions, the proposal does comply with all standards outlined in Chapter 1470 *Historic Preservation* and should be approved. As contained herein, staff finds that the Commission does not find any conflict with Chapter 1470 *Historic Preservation*, the Michigan Local Historic Districts Act, or the Secretary of the Interior's Standards and Guidelines.

Therefore, planning staff recommends approval of a Certificate of Appropriateness for various new roof sections at 181 W. Emmett Street, as the request meets the standards outlined in Chapter 1470.09 "Review of Applications", Chapter 1470.17 "Preservation of Historic Features" and the Secretary of the Interior's Standards and Guidelines, as outlined in the staff report.



# City of Battle Creek

Department of Planning and Community Development 10 N. Division Street, Ste. 117 • Battle Creek, Michigan 49014

HISTORIC DISTRICT COMMISSION

Phone: (269) 966-3320 • www.battlecreekmi.gov

Application for (check all that applies)  Certificate of Appropriateness (for repairs or rehab projects)
Notice to Proceed (for demolition requests)
Petition No
Date Received:
APPLICANT**
NAME: X-TREAM ROOFING LLC
ADDRESS: 371 UPTON AVE BATTLE CREEK MI 49037
PHONE: 749-963-9484 FAX:
EMAIL: Office @ x-treamroofing Ilc. com
OWNER (if different from applicant)
NAME: CTRACE HEALTH
ADDRESS: 181 EMMETT ST W. BATTLE CREEK MI 49037
PHONE:FAX:
EMAIL:
**If the applicant is not the property owner, a letter signed by the owner agreeing to the application to the Historic District Commission must be included with the application.
SUBMITTAL REQUIREMENTS/EXISTING CONDITIONS
Address(es) of property for which the request is being sought:

SITINGLES.			rty and the							
Please list all acti	vities/pror	oosed wo	ork for the p	rope	rty area	and hov	v the pro	posed work re	elates to	the
riease list all acti	ricics/ prop							STANDING		

Current use of the property: HEALTH FACILITY

	LOOK OF	Proposis	ARSAS
reate new features	that do not curr	ently exist?	epair of existing features of the structure, or will it
Please indicate the naterials if that fea	existing buildin ture is included a	g materials of as part of the a	the following structural features and the proposed pplication.
	Existing Mat	erials	Proposed Materials (if applicable)
Roof	ASPITA	ILT SHING	1-85 ZL garge Metal STANDING S.
Vindows		V/A	26 garge Metal STANDING So
iding		1/A	N/A
oundation			NIA
Other		1/A	N/A
What options have	you explored fo	the repair	relocation of the structure proposed for demolition?
			relocation of the structure proposed for demonstration
SUBMITTAL REQU  As outlined in "H	IREMENTS  DC, Information	and Procedu	re", each request requires supplementary items tha roposed project. These items are to be submitted witl
SUBMITTAL REQU As outlined in "H thoroughly describe	IREMENTS  DC, Information oe the existing stopplication; incon	and Procedu	re", each request requires supplementary items tha roposed project. These items are to be submitted witl tions will not be forwarded to the Historic Distric
As outlined in "H thoroughly describe completed and Commission.  APPLICANT SIGNATION By signing this applies to feet their knows the same than	IREMENTS  DC, Information of the existing stopplication; inconstants  ATURE  plication, the ap wledge, and consubmitted. Furth Commission, Info	and Procedu ructure and p aplete applica plicant hereby firms that all	re", each request requires supplementary items tha roposed project. These items are to be submitted wit

#### **HDC Grace Health**

jason <jason@x-treamroofingllc.com>

Mon 7/19/2021 7:08 AM

To: Eric S. Feldt <esfeldt@battlecreekmi.gov>

Cc: Office <office@x-treamroofingllc.com>; Keith Crum <Keith.Crum@gracehealthmi.org>

1 attachments (3 MB)

HDC Grace Health 18 W Emmett St.pdf;

Email sent from outside of the City of Battle Creek. Use caution before clicking links/attachments. https://www.mcelroymetal.com/standing-seam-metal-roofing-systems/meridian

# Meridian Snap Together Standing Seam Roofing | McElroy Metal

Meridian Snap Together Metal Roofing Meridian has it all! An aesthetically pleasing, snap-together, standing seam roof panel that is economical and easy to install. With no need for clips, Meridian panels are simply attached to the roof deck with pancake head fasteners.

www.mcelroymetal.com

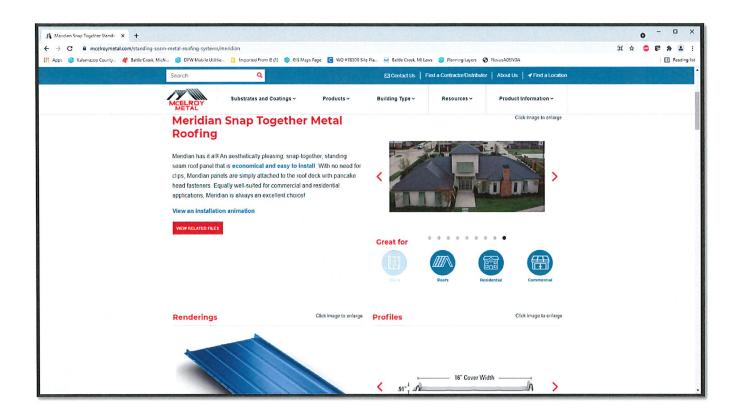
#### Good morning,

I have attached the HDC for the roof project at Grace Health for the Shingle Areas on the Building. I have also attached the link for the manufacture and Metal Grace would like to use.

If you have any questions, please feel free to give me a call.

Thank You

Jason Harner / Owner 269-963-9484 Office 269-979-7884 Warehouse 269-317-1951 Cell www.x-treamroofingllc.com www.snowplowingbattlecreek.com www.x-treamtreeremoval.com





# **Battle Creek Historic District Commission**

# Staff Report

#### 68-70 Frelinghuysen

Meeting: August 9, 2021

To:

**Historic District Commission** 

From:

Lynee Wells, AICP Interim Planner

Date:

August 5, 2021

Subject:

Request by the Calhoun County Land Bank Authority for a Notice to Proceed to

demolish porch at 68-70 Frelinghuysen, a duplex building which received HDC

approval for a Certificate of Appropriateness on July 9, 2019

## **Summary**

Staff recommends the approval of the subject Notice to Proceed for both properties as the applications meets Chapter 1470.09(e) "Review of Applications."



Figure 1: Arrow points to subject site along Frelinghuysen Ave. nearby Rose Street in the Old Maple Street local Historic district.

#### Site & History

The subject building (68/70 Frelinghuysen Avenue) is located in the Old Maple Street local historic district just east of downtown Battle Creek. According the City of Battle Creek Assessor's database, the building was constructed in 1910 as a duplex with a total area of 3,872 square foot. The building was occupied and used as a rental in the early 2000s, according to staff's records. Sometime in 2007, the property became foreclosed and vacant. Building and property maintenance stopped. Unlawful access became an issue. The City of Battle Creek required the owner to board entrances and secure the building to prevent further unlawful access. In 2008, the property transferred from a bank to a private entity who owned it until 2017. During that time, the new owner tried to re-occupy the duplex as a rental but did not address all building maintenance issues in order to bring the building into compliance for re-occupation. Some exterior work was done without HDC approval or other permits, including new vinyl siding over existing historic wood siding; replacing certain windows using vinyl material and other modern elements; replacing large front porch steps with smaller steps, replacing one of two front doors with substantial different style, and minor changes.

The deferred building and property maintenance continued to be an issue. The property was again foreclosed sometime in 2017 and the Calhoun County Land Bank took ownership. The building continues to be unoccupied and maintenance issues have increased. The doors continue to be boarded to prevent unlawful access and the porch is taped off to prevent access.

In 2019, the Land Bank received Certificate of Appropriateness from the HDC to complete the following:

- Windows: Replace with painted wood, double-hung window with modern energy-efficient material and glass.
- Doors: Replace all exterior doors with wood doors to match or similar in design existing door style.
- Siding: Replace existing vinyl siding with 3" vinyl clapboard that will be similar to original 3" wood clapboard
- Porch: Front porch will be replaced with new design matching historic style and features, but use taller hand railing to meet current safety standards (36") instead of previous 24". Side porch will be repaired and match original style and features.

No work has been conducted since the approval was granted. Most recently, due to continued deterioration and heavy rains this summer, the porch has fallen and requires immediate attention to preserve the integrity of the remainder of the building.

Note that the HDC approved "replacing" the porch in 2019, and that approval would remain authorized should the property transfer ownership. Per conversations with the Land Bank, this request for Notice to Proceed assumes that the porch would not be replaced until the property is sold and a new owner carries out the work, which would be a requirement they would include in any purchase agreement.

#### **Summary of Request**

The applicant (owner) filed a Notice to Proceed to demolish the front porch due to irreparable damage caused by heavy rains and work by previous owners that damaged its structural integrity. The condition of the porch is a safety hazard. The applicant intends to stabilize the façade and protect the gaps in siding from the elements once the porch is removed. The applicant cites financial constraints to carry out the full building rehabilitation (in excess of \$300,000) as well as porch rehabilitation (in excess of \$40,000). Included in the materials provided are costs estimates from Old School Construction.

#### **Project Description**

A work scope and cost estimates are provided. The work includes the following:

- 1) Remove and dispose of the entire porch roof including trusses, shingles and all supports.
- 2) Remove and dispose of the entire porch floor, framing, supports and unstable or non-reusable foundations/footings.
- 3) Keep the existing field stone for the foundation repair at the site.
- 4) Secure and protect natural gas meter which will be left as undisturbed as possible. Effort to work around this meter will be taken.
- 5) Remove any ivy runs found attached to the building that are exposed in this process.
- 6) Installation of a temporary solid barrier and/or weatherization to re-establish a water tight shell in the areas affected by the removal of the porch and roof. This barrier will help maintain the integrity of the building.

### Applicable HDC Guidelines and Analysis for a Notice to Proceed.

This property is reviewed in accordance with City of Battle Creek Building and Housing Code Chapter 1470 "Historic Preservation", as amended, the Michigan's Local Historic Districts Act, as amended, and the criteria for the National Register of Historic Places as outlined in the Secretary of the Interior's Standards and Guidelines.

Generally, demolition of a structure will not comply with the standards outlined in the Secretary of Interior's Standards and Guidelines. A demolition by not correcting building code and general building maintenance is likely considered a 'demolition by neglect.' See this term below.

#### 1470.11 DEMOLITION BY NEGLECT

Upon a finding by the Historic District Commission that an historic resource within an Building Inspection Department Historic District or proposed Historic District is threatened with demolition by neglect, the Commission may require the owner of the resource to repair all conditions contributing to demolition by neglect. If the owner does not make repairs within a reasonable time, the Commission or its agents may enter the property and make such repairs as are necessary to prevent demolition by neglect. The cost of the work shall be charged to the owner and may be levied by the City as a

special assessment against the property. The commission or its agents may enter the property for purposes of this section upon obtaining an order from the Circuit Court.

If this type of demolition causation is determined, the City may take corrective action (building renovation) themselves if the owner cannot or is unwilling. Today's application to demolish a feature of the building would satisfy the outstanding building code violations. At this time, the City is not likely going to make the repairs themselves.

If the standards outlined in the Secretary of Interior's Standards and Guidelines cannot be met, the State Act and local ordinance (Ch 1470.09(e)) states that a notice to proceed **shall** be issued if any **one** of the following criteria is met:

- (e) Work within a Historic District shall be permitted through the issuance of a notice to proceed by the Commission if any of the following conditions prevail and if the proposed work can be demonstrated by a finding of the Historic District Commission to be necessary to substantially improve or correct any of the following conditions:
  - (1) The resource constitutes a hazard to the safety of the public or to the structures and occupants.

Structural instability has resulted from previous repairs that damaged the supports, floor and footings. Recent heavy rain events have also contributed to the rotting of the wood and added weight to the porch roof which cannot be supported by the damaged supports. This issue could worsen and affect the house, especially during winter months. Therefore, removing the porch to not compromise the remaining portions of the structure would improve the current safety hazard.

#### This criterion is met.

(2) The resource is a deterrent to a major improvement program that will be of substantial benefit to the community, and the applicant proposing the work has obtained all necessary planning and zoning approvals and financing and environmental clearances.

As of staff's records, the building is not a deterrent to a major improvement program.

#### This criterion is not met.

(3) Retaining the resource will cause undue financial hardship to the owner when a governmental action, an act of God or other event beyond the owner's control created the hardship, and all feasible alternatives to eliminate the financial hardship, which may include offering the resource for sale at its fair market value or moving the resource to a vacant site

within the Historic District, have been attempted and exhausted by the owner.

Retaining the porch will result in additional future expense to the owner due to the existing poor condition. The porch is beyond saving due to rotting wood supports and structural base. The 2019 Certificate of Appropriateness allows for replacement of the porch. The applicant will place the building for sale and any sale will require compliance with the standards and approvals included in that 2019 approval from the HDC. Per conversations with the applicant, replacement of the porch will be an aspect of any future rehabilitation.

This criterion is met.

(4) Retaining the resource is not in the interests of the majority of the community.

Retaining the porch in the current condition is a safety hazard, and the property owner has received complaints from neighbors regarding its condition.

This criterion is met.

Criterions (e)(1) and (3) are met.

## Analysis and Recommendation for Notice to Proceed

The owner submitted an application for a Notice to Proceed to demolish the front porch at 68-70 Frelinghuysen. Staff found Criterion (e)(1), (3) and (4) are met.

Planning staff is recommending that a Notice to Proceed be issued to the applicant for the demolition of the front porch structure at 68-70 Frelinghuysen if the Commission is satisfied that the Applicant can meet at least one of the criteria outlined in Chapter 1470.09(e) "Review of Applications". According to City's records, the building has been neglected and unmaintained for a number of years and retaining this element of the building at this time will cause undue financial hardship to the owner.

#### Staff's Recommended Conditions

- 1. The gentlest means possible should be used when removing the front porch and repairing and installing weather proofing to the building.
- 2. The applicant shall take measurements of the porch, including its height, depth, and length, as well as measurements of the remaining supports and provide a detailed record to the City for the file and provide the same record to the future owner for use with reconstruction.
- 3. The foundation shall remain and stated in the applicant's scope of work.

4.	The applicant shall contact the City of Battle Creek if any archaeological resources are discovered.

# Pictures taken by staff on May 7, 2019









# City of Battle Creek Department of Planning and Community Development

Department of Planning and Community Development 10 N. Division Street, Ste. 117 • Battle Creek, Michigan 49014

	Phone: (269) 966-3320 • www.battlecreekmi.gov					
TTAL OF	HISTORIC DISTRICT COMMISSION  Application for:  Certificate of Appropriateness (for repairs or rehab projects)  Notice to Proceed (for demolition requests)  Minor Class of Work (admin approval)  Petition No. 15-21  Date Received:					
APPLICANT*						
NAME: Calh	oun County Land Bank Authority (CCLBA)					
ADDRESS: 3	15 Green St W, Marshall, MI					
PHONE: <u>269</u> -	-781-0777 FAX: <u>269-781-0800</u>					
EMAIL: arobi	EMAIL: arobinson@calhouncountymi.gov or kedwards@calhouncountymi.gov					
NAME: Sam						
PHONE:	FAX:					
**If the appli District Com	icant is not the property owner, a letter signed by the owner agreeing to the application to the Historic mission must be included with the application.  REQUIREMENTS/EXISTING CONDITIONS					
	of property for which the request is being sought: 68/70 Frelinghuysen					
Current use	of the property: Vacant yet preparing for the real estate market.					
_	List existing structures on the property and the approximate age of each  The primary structure on the property is a an original duplex with 3 bedrooms on each side built in 1910.					
-	no accessory structures on the property.					
building as	all activities/proposed work for the property area and how the proposed work relates to the a whole.  Equest to demolish the entire porch structure. The porch support collapsed on 6/15/2021. When inspected,					
it was found	that the roof was supported by a support and 2 4"x4" posts. The floor is damaged from the roof leaking and					
is supporte	d by two support and a 2"x4" support - it is very dangerous structure in its current state.					

Indicate in which mani features outlined in th	• •	t in changes to the size and/or appearance of the			
	• •	ise in the historic preservation that will be taking into			
consideration the need for the historic reconstruction plans.					
Does the work propose new features that do r		f existing features of the structure, or will it create			
It will create a flat surfa	ce for the next phase of porch rec	onstruction to commence.			
	xisting building materials of the re is included as part of the appli	e following structural features and the proposed cation.			
	Existing Materials	Proposed Materials (if applicable)			
Roof					
Windows					
Siding	<u></u>				
Foundation					
Other					
For Notice To Proceed	d requests only:				
· ·		cation of the structure proposed for demolition?			
The porch collapse wa	s unexpected and has presented a	dangerous situation at the site and must be removed.			
•					
SUBMITTAL REQUIRE	MENTS				
thoroughly describe t	he existing structure and propo	each request requires supplementary items that sed project. These items are to be submitted with s will not be forwarded to the Historic District			
APPLICANT SIGNATU	RE				
of their knowledge, as been submitted. Furth	nd confirms that all information r nermore, the applicant confirms	res that all answers given herein are true to the best required for Historic District Commission review has that they have thoroughly read the "Historic District as to comply with all requirements and procedures			
Amy Rose Robinsor	1	7.29.2021			
Name		Date			

# Old School Construction

3045 W. AB AVE Plainwell, MI 49080 269-779-4188 ID No. 2101176735

> Proposal July 9, 2021

Client:

Calhoun County Land Bank 315 W Green St, Marshall MI 49068 c/o: Amy Rose Robinson Property & Project Coordinator

269.781.0744ph 269.781.0800fx

# RE: 68/70 Frelinghuysen - Porch Demolition

#### Scope of Work:

Careful demolition of the entire porch structure: Including:

1) Remove and dispose of the entire porch roof including trusses, shingles and all supports.

2) Remove and dispose of the entire porch floor, framing, supports and unstable or non-reusable foundations/footings.

3) Keep the existing field stone for the foundation repair at the site.

- 4) Secure and protect natural gas meter which wil be left as undisturbed as possible. Effort to work around this meter will be taken.
- 5) Remove any ivy runs found attached to the building that are exposed in this process.
- 6) Installation of a temporary solid barrier and/or weatherization to re-establish a water tight shell in the areas effected by the removal of the porch and roof. This barrier will help maitain the integrity of the building.

(Note has been made that this home is in a City of Battle Creek Historic District and that permits for this work will be obtained by CCLB prior to project intitiation. Also, that work should proceed under the assumption that a future Owner will reconstruct the porch and roof. All effort should be made to preserve their ability to do so.)

Total Proposed Cost: \$7,000.00

#### 2: Exclusions:

Price does not include cost of moving or removing concrete front entry steps.

Payment Schedule:

Down Payment = \$3,500.00 (Project Initiation) Final Payment = \$3,500.00 (At Completion)

TOTAL LABOR & MATERIALS

\$7,000.00

Andy Davis, CEO/Craftsman

We Appreciate Your Business!

Photos taken 6/23/2021 with CCLBA Property & Project Coordinator, Amy Rose Robinson and Andy Davis, owner of Old School Construction – After collapse complaint on 6/15/2021











